



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/720,274	12/21/2000	Thomas Eckel	MO-6064/LEA	9985

7590 12/18/2001

Bayer Corporation  
100 Bayer Road  
Pittsburgh, PA 15205-9741

EXAMINER

RAJGURU, UMAKANT K

ART UNIT	PAPER NUMBER
----------	--------------

1711

DATE MAILED: 12/18/2001

4

Please find below and/or attached an Office communication concerning this application or proceeding.

MF-4

# Office Action Summary

Application No.

Applicant(s)

Examiner

Group Art Unit

**--The MAILING DATE of this communication appears on the cover sheet beneath the correspondence address--**

## Period for Response

A SHORTENED STATUTORY PERIOD FOR RESPONSE IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a response be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for response specified above is less than thirty (30) days, a response within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for response is specified above, such period shall, by default, expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to respond within the set or extended period for response will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).

## Status

- ☐ Responsive to communication(s) filed on \_\_\_\_\_.
- ☐ This action is **FINAL**.
- ☐ Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

## Disposition of Claims

- ☒ Claim(s) 1-8 & 12 is/are pending in the application.
- Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- ☒ Claim(s) 1-8 & 12 is/are rejected.
- ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- ☐ Claim(s) \_\_\_\_\_ are subject to restriction or election requirement.

## Application Papers

- ☐ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.
- ☐ The proposed drawing correction, filed on \_\_\_\_\_ is ☐ approved ☐ disapproved.
- ☐ The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.
- ☐ The specification is objected to by the Examiner.
- ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. § 119 (a)-(d)

- ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
- ☒ All ☐ Some\* ☐ None of the CERTIFIED copies of the priority documents have been
  - ☐ received.
  - ☐ received in Application No. (Series Code/Serial Number) \_\_\_\_\_.
  - ☒ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- \*Certified copies not received: \_\_\_\_\_.

## Attachment(s)

- ☒ Information Disclosure Statement(s), PTO-1449, Paper No(s). \_\_\_\_\_
- ☒ Notice of References Cited, PTO-892
- ☐ Notice of Draftsperson's Patent Drawing Review, PTO-948
- ☐ Interview Summary, PTO-413
- ☐ Notice of Informal Patent Application, PTO-152
- ☐ Other \_\_\_\_\_

Office Action Summary

Art Unit: 1711

1. Claims 1-8<sup>and 12</sup> are under examination.

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claims 1, 6 & 7 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 1 is indefinite in reciting an improper Markush terminology. Word "comprising" in components (C) & (D) should be replaced by "consisting of".

Claim 1 is further vague and indefinite in reciting "preferably" several times under component (D) since thereby a broad range or limitation is followed by the linking term "preferably", whereby the metes and bound of the scope of claim are not clearly set forth.

Claims 6 & 7 are also indefinite for same reasons.

Word "and" in line 2 of claim 7 should be deleted.

Claim 6 should be amended by deleting "selected from among" in line 2 and inserting "selected" after "rubber" in line 2.

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Withdrawn  
Jul 29, 2002

Art Unit: 1711

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(f) or (g) prior art under 35 U.S.C. 103(a).

5. Claims 1-8<sup>and 12</sup> are rejected under 35 U.S.C. 103(a) as being unpatentable over Maruyama et al (EP 728811) in view of Liu et al (USP 5194477)

(Maruyama is of record on PTO 1449).

Maruyama discloses a composition comprising (A) an aromatic <sup>polycarbonate</sup>polyamide, (B) a graft copolymer prepared by graft polymerizing an aromatic vinyl monomer and another monomer in presence of a rubbery polymer (c) a copolymer of aromatic vinyl monomer and another monomer and (D) a phosphazene (abstract). Some additives can be included in the composition (p. 5, lines 17-19).

Maruyama does not mention polyester carbonate which can be admixed with polycarbonate.

Liu discloses flame retardant compositions based on polyesters and polycarbonates (abstract; col. 1, lines 4-24). The polycarbonate may also be a copolyestercarbonate (col. 17, lines 1-16).

*withdrawn*  
*07.29.2012*

Art Unit: 1711

Therefore it would have been obvious to add polyesterparbonate in the composition of Maruyama in order to improve flame retardancy.

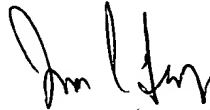
6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to U.K. Rajguru whose telephone number is (703) -308-3224. The examiner can normally be reached on Monday through Friday from 9:30 AM to 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James J. Seidleck, can be reached on (703) -308-2462. The fax phone number for the organization where this application or proceeding is assigned is (703) -872-9310 or 872-9311.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) -308-0661.



Rajguru/LR



December 11, 2001